

FINAL EXAM
DECEMBER 2015

NATIONAL BOARD OF EXAMINATIONS

OTORHINOLARYNGOLOGY

PAPER – I

ENT/D/15/28/I

Time : 3 hours

Max. Marks : 100

Important instructions:

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

- | | | |
|----|---|--------|
| 1. | a) Diagrammatic representation & explanation of Impedance Transformer action of middle ear. | (3 +3) |
| | b) Role of middle ear muscles on transmission. | 4 |
| 2. | a) Principles of Brainstem Evoked Response Audiometry (BERA). | 5 |
| | b) Clinical applications of BERA. | 5 |
| 3. | a) Define osteoradionecrosis of temporal bone. | 2 |
| | b) Its aetiopathogenesis and management. | 5+3 |
| 4. | a) Define Keratosis Obturans and Primary Auditory Canal Cholesteatoma. | 1+1 |
| | b) Write differences between these two in relation to etiopathology, clinical features and treatment. | 3+3+2 |
| 5. | a) Enumerate causes of conductive hearing loss with intact ear drum. | 4 |
| | b) Mention important differentiating points amongst them. | 6 |
| 6. | a) Enumerate complications of Stapedectomy. | 2 |
| | b) What are their diagnostic points? | 4 |
| | c) How are they managed? | 4 |
| 7. | a) Define otitic barotrauma. | 2 |
| | b) What is the physiological consequence of compression & decompression? | 3+3 |
| | c) Management of otitic barotrauma. | 2 |
| 8. | a) Define petrositis and give its etiology. | 1+1 |
| | b) Mention classification and clinical features. | 2+3 |
| | c) Principles of its management. | 3 |

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|-----|---|---|
| 9. | a) Classify group wise Ototoxic drugs. | 6 |
| | b) Mention their mechanism of action. | 4 |
| 10. | a) Define nystagmus. | 2 |
| | b) What are the different degrees of nystagmus? | 4 |
| | c) How slow and fast components of nystagmus originate? | 4 |

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